



African Flight Procedure Programme

AFPP ACTIVITY REPORT, 2016, 1^{er} Quarter

The objective of this paper is to report on the activities of the African Flight Procedure Programme (AFPP) during 1st Quarter of Year 2016 and provide highlights of 2016 AFPP programme of activities.

AFPP MEMBERSHIP

Angola, Botswana, Burkina Faso, Cabo Verde, Cameroon, Comoros, Congo, Cote d'Ivoire, Djibouti, DRC, Gabon, Gambia, Ghana, Guinea, Guinea Bissau, Kenya, Madagascar, Mali, Mauritania, Mozambique, Niger, Nigeria, Senegal, Sierra Leone, Tanzania, Togo and Uganda;

	total	APS	US	Pending APS	Pending US	Last signature
2015	27	25	2			Botswana
2016, Q1	27	25	2	1		

Liberia has expressed interest to join the AFPP as APS. Documents sent to Liberia on February 2016 for the DG CAA's signature.

PROGRAMME ACTIVITIES, 1ST QUARTER 2016

TITLE	TEXT	SCHEDULE	STATUS
ASSISTANCE TO STATES			
Quality assurance process for instrument flight procedure implementation Senegal	Knowledge to Senegal Civil Aviation Authorities (ANACIM) on instrument flight procedure (conventional and PBN) implementation. 4-day workshop to respond to request from Senegalese Civil Aviation Authority (ANACIM). Hosted by AFPP in its premises. 14 representatives from ANACIM, ADS (Aéroports du Senegal) and ASECNA attended. Expertise and facilitation provided by AFPP experts, conducted in French. Outcomes: Based on ICAO Quality Assurance process, implementation/review of conventional and PBN flight procedures, including the regulatory approval process for new and already published procedures for all International and Domestic airports in Senegal.	Added to 2016 Work Programme	8-11 March 2016
National PBN Implementation Plan Gabon and Mali	Assistance to Gabon and Mali CAAs started in 2015 for consolidation and finalization of draft copy of their National PBN Plan. Follow-up conducted with respective authorities. Plans in signature process by the respective CAA DG. The plans would be submitted to ICAO WACAF Office before end 2016	1 st Quarter, 2016	2 nd Quarter, 2016
PBN flight procedures regulatory approval Djibouti	Knowledge to Djibouti State to finalize implementation of PBN flight procedures. Follow-up of assistance started in 2015 to Djibouti Civil Aviation related to PBN flight procedures designed for Djibouti International Airport, continued in connection with validation phase of Quality Assurance Implementation process. Finalization of implementation expected by June 2016.	1 st Quarter, 2016	2 nd Quarter, 2016
PROCEDURE DESIGN			
Instrument flight procedure design Cameroon	Conventional and PBN flight procedures design for Cameroon CAA at Maroua International Airport. Design done by AFPP. Finalization of the project expected by April 2016. Process is presently slowed as CCAA needs to find an aircraft and experts to participate in step 8 of Quality Assurance process related to the preflight evaluation (ground validation) and flight validation actions. Finalization of the project linked to this issue.	1 st Quarter 2016	2 nd Quarter 2016

PROGRAMME ACTIVITIES, UPCOMING MONTHS

TITLE	TEXT	SCHEDULE	STATUS
WORSHOPS			
PBN Training for ATC and ATM personnel	<p>Knowledge to ATC and ATM personnel of the PBN flight procedures concept and use.</p> <p>5-day workshop as part of the 2016 AFPP Work Programme.</p> <p>Hosted by Kenya CAA and EASA (East African School of Africa) in Nairobi, Kenya.</p> <p>Expertise and facilitation provided by EASA and AFPP experts, conducted in English.</p> <p>Outcomes: provision of training on PBN for ATC and ATM personnel.</p>	2 nd Quarter 2016	11-15 April 2016
National PBN Implementation Plan	<p>Knowledge to identified States in the WACAF region to develop, consolidate or finalize their National PBN Implementation Plan.</p> <p>3-day workshop on request and in collaboration with ICAO WACAF Office.</p> <p>Benin, Central African Republic, Chad, Congo, Equatorial Guinea, Guinea, Guinea Bissau and Sao Tome and Principe CAAs have been invited to attend to the workshop.</p> <p>Expertise and facilitation provided by AFPP experts, conducted in French.</p> <p>Outcomes: development or finalization of the National PBN Implementation Plan.</p>	Added to 2016 Work Programme	11-13 May 2016
Quality Assurance Process for Instrument Flight Procedure Implementation	<p>Knowledge to experts from CAAs and ANSPs on instrument flight procedure (conventional and PBN) implementation.</p> <p>4-day workshop as part of the 2016 AFPP Work Programme.</p> <p>Hosted by Cameroon Civil Aviation Authority (CCAA) in Douala, Cameroon.</p> <p>Expertise and facilitation will be provided by AFPP experts.</p> <p>Outcomes: Based on ICAO Quality Assurance process, implementation/review of conventional and PBN flight procedures, including the regulatory approval process for new and already published procedures for all International and Domestic airports.</p>	2 nd Quarter 2016	24-27 May 2016
TRAINING COURSES			
Flight Procedure Design Initial Courses (session 2, A and B)	<p>Training related to conventional and PBN procedures, for participating experts to become PANS OPS instrument flight procedures designers.</p> <p>20-day session for each course as part of the 2016 AFPP Work Programme.</p> <p>Venue is AFPP premises in Dakar, Senegal. Dates are to be confirmed</p> <p>Expertise and facilitation will be provided by AFPP PANS OPS Instructors.</p> <p>Contents of the Conventional and PBN courses undergoing TCB tender process.</p> <p>Outcomes: State capability developed for conventional and PBN flight procedures design.</p>	<p>1st Quarter 2016 (conventional)</p> <p>2nd Quarter 2016 (PBN)</p>	<p>Postponed 2nd Quarter 2016</p> <p>Postponed 3rd Quarter 2016</p>

TITLE	TEXT	SCHEDULE	STATUS
ASSISTANCE TO STATES			
OJT for designers Cote d'Ivoire Senegal Uganda	OJT for designers trained during PANS OPS courses conducted in October 2014 and June 2015 by the AFPP: - Cote d'Ivoire, 1 designer from SODEXAM (ANSP); - Uganda: 2 designers from CAA; and - Senegal: 1 designer from ADS (ANSP). Outcomes: Capability developed within States for conventional and PBN flight procedures design.	1 st Quarter 2016	18 April -27 May 2016
National PBN Implementation Plan Cameroon	In order to consolidate and finalize the National PBN Implementation Plan of Cameroon, AFPP participation to the 1 st meeting of the National PBN committee, on 2-4 June 2016 in Yaoundé, Cameroon. Draft copy of the Plan to be finalized for CCAA DG signature.	Added to 2016 Work Programme	2-4 June 2016
PBN flight procedures implementation Mali	Assistance to be provided in May or June 2016 for Mali Civil Aviation (ANAC-Mali) related to instrument flight procedure (conventional and PBN) implementation process, including regulatory approval of PBN flight procedures designed by ASECNA for 3 airports in the North East of Mali (Gao, Timbuktu and Tessalit) on MINUSMA request. Assistance based on the Quality Assurance process (Doc 9906) Outcomes: Regulatory approval of instrument flight procedures in force at all international and domestic airports in Mali. Finalization of implementation expected by June 2016. Follow-up to be conducted.	2 nd Quarter 2016	2 nd Quarter 2016
Instrument flight procedures implementation Cameroon	Assistance to be provided in May or June 2016 to Cameroon Civil Aviation (CCAA) for regulatory approval of PBN flight procedures designed by AFPP for Maroua International Airport. Assistance based on the Quality Assurance process (Doc 9906) Outcomes: Regulatory approval of instrument flight procedures in force at all international and domestic airports in Cameroon. Finalization of implementation expected by June 2016. Follow-up to be conducted.	2 nd Quarter 2016	2 nd Quarter 2016

TITLE	TEXT	SCHEDULE	STATUS
PROCEDURE DESIGN			
PBN flight procedures review and design Botswana	To respond to request from Botswana CAA, proposal sent for review and design for PBN flight procedures at 4 International Airports (Francistown, Gaborone, Kasane and Maun). The proposal still being studied by Botswana CAA.	Added to 2016 Work Programme	2 nd Quarter 2016
SUPPORT			
AIRBUS project Instrument flight procedures development process	Instrument flight procedures implementation global process to be developed for an African State, based on PBN flight procedures at an airport. Activity presented by AIRBUS during AFPP SC/1. Freetown International Airport selected for PBN flight procedures implementation. States of Guinea, Liberia and Sierra Leone, members of ROBERTS FIR, involved in the Project, as all activities related to instrument flight procedures implementation are part of the Project (design, training, assistance). AIRBUS final decision expected on April 2016.	1 st Quarter 2016	April 2016

EXPECTED OUTPUTS

1. Seminars/Workshops/Training courses will be organized during the Year 2016, focusing on "Quality Assurance for Instrument Flight Procedures Implementation", "PBN Airspace Design", "PBN for ATM", "Data Origination", "PBN OPS Approval", and "PANS OPS designer training courses". Detailed sessions on the items would give participants a better knowledge of PBN implementation in order to take the necessary actions in their States to meet the ICAO goals for PBN implementation in Africa. Dedicated activities would be added when necessary during the Year 2016.
2. Activities regarding flight procedures design, including PBN, will be conducted during the Year 2016, with the AFPP designers. Priority will be given to States and airports where PBN procedures implementation level is low. As expressed by ICAO and recent African meetings resolutions, PBN flight procedures will have to be developed for at least one runway end at International Airports by the end of 2016. An action Plan would be developed.
3. National PBN Implementation Plan is a major issue in PBN implementation. It is recommended that every African State develops or reviews its Plan by end 2016. Dedicated assistance would be provided as priority action for 10/24 WACAF States and 15/24 ESAF States for the development and submission of National PBN Plan to the ICAO Regional Offices.